- 1) Canadian Centre for Climate Modelling and Analysis, CGCM3.1 Model T63 500 years (http://www.cccma.bc.ec.gc.ca/eng\_index.shtml)
- 2) NOAA Geophysical Fluid Dynamics Laboratory, USA, CM2.1 Model 500 years (http://data1.gfdl.noaa.gov/nomads/forms/deccen/CM2.X)
- 3) Institute for Numerical Mathematics, Russia, INMCM3.0 Model 200 years (http://www.inm.ras.ru/en/index.htm)
- **4)** Hadley Centre for Climate Prediction, Met Office, UK, HadCM3 Model 340 years (http://www.metoffice.com/research/hadleycentre/models/HadCM3.html)
- 5) National Center for Atmospheric Research, USA, PCM1 589 years (http://www.cgd.ucar.edu/pcm)
- **6)** Center for Climate System Research, Japan, MIROC Model V3.2 MR 500 years (http://www.ccsr.u-tokyo.ac.jp/kyosei/hasumi/MIROC/tech-repo.pdf)
- 7) Meteorological Research Institute, Japan, CGCM2.3.2a 300 years (http://www.mri-jma.go.jp/Welcome.html)
- **8)** Centre National de Recherches Meteorologiques, France, CM3 Model 390 years (http://www.cnrm.meteo.fr/scenario2004/indexenglish.html)
- 9) Institut Pierre Simon Laplace, France, CM4 V1 Model 319 years (http://mc2.ipsl.jussieu.fr/simules.html)
- 10) National Center for Atmospheric Research, USA, CCSM 3.0 230 years (http://www.ccsm.ucar.edu)

**Table 1:** Coupled climate models used to create Figure 1. The length of the model integration used and a reference webpage is listed below the name of each modeling group.